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FACSIMILE COVER SHEET

DATE: June 16, 2003

OUR REF.: MTS-520US2

TIME: _____

YOUR REF.: 10/020,425

TO:	Examiner Paul E. Callahan
COMPANY:	United States Patent and Trademark Office
FROM:	Jack J. Jankovitz
FAX TELEPHONE:	(703) 746-7239
OFFICE TELEPHONE:	(703) 305-1336
TITLE OF DOCUMENT:	Amendment previously filed

Total Number of Pages: 30 (including this form)

COMMENTS

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Date: APRIL 1, 2003

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FILE NO.: MAT 0520052 FEE DUE? YES OR NO AMT. ENC'D. \$220NAME: M. OSHIMA ET AL.

<input type="checkbox"/> Specification (_____ pp.)	<input type="checkbox"/> Drawing(s) (_____ pp.)
<input checked="" type="checkbox"/> IDS & PTO 1449 (<u>9</u> pp.)	<input checked="" type="checkbox"/> Copy of _____ References
<input type="checkbox"/> Copy of Search Report <u>KOREAN O A</u>	<input type="checkbox"/> Form 1390
<input type="checkbox"/> Claim to Right of Priority	<input type="checkbox"/> Priority Document(s) _____
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<input type="checkbox"/> Utility Transmittal	<input checked="" type="checkbox"/> Fee Transmittal +1 _____
<input checked="" type="checkbox"/> Amendment/Response (<u>15</u> pp.)	<input type="checkbox"/> Preliminary Amendment (_____ pp.)
<input type="checkbox"/> Issue Fee/Publication Fee	<input type="checkbox"/> Formal Drawing(s) (_____ pp.)
<input checked="" type="checkbox"/> Transmittal	
<input checked="" type="checkbox"/> TERMINAL Disclaimer (<u>6</u>) Serial No.: <u>107020425</u>	

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 34

Application Number 10/020,425

Filing Date December 7, 2001

First Named Inventor Mitsuaki Oshima

Art Unit 2134

Examiner Name Paul E. Callahan

Attorney Docket No. MTS-520US2

ENCLOSURES (Check all that apply)

Fee Transmittal Form
 Fee Attached

Amendment/Reply
 After Final
 Affidavits/Declaration(s)

Extension of Time Request

Express Abandonment Request

Information Disclosure Statement

Certified Copy of Priority Document(s)

Response to Missing Parts/
Incomplete Application
 Response to Missing Parts under
37 CFR 1.52 or 1.53

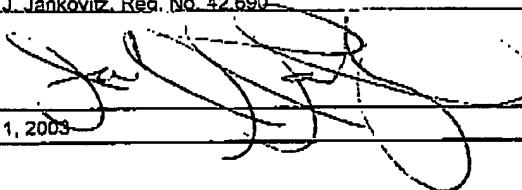
Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a
Provisional Application
 Power of Attorney, Revocation,
Change of Correspondence
Address
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 CD, Number of CD(s) _____

After Allowance Communication
to Group
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Brief)
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 Status Letter
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Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual	Allan Ratner, Reg. No. 19,717 Jack J. Jankovitz, Reg. No. 42,690
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Signature	
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Date	April 1, 2003
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231.

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Complete If Known

FEET TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 220.00)

Application Number: 10/020,425

Filing Date: December 7, 2001

First Named Inventor: Mitsuaki Oshima

Examiner Name: Paul E. Callahan

Art Unit: 2134

Attorney Docket No. MTS-520US2

COPY

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Clerical None
 Deposit Account:

Deposit Account Number: 18-0350

Deposit Account Name: RatnerPrestia

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below
 Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below except for the filing fee to the above-identified deposit account

FEE CALCULATION:

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	750	200	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Provisional filing fee	
1005	150	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	20**	= 0	= 0
Independent Claims	3**	= 0	= 0
Multiple Dependent		X	= 0

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0)

FEE CALCULATION (continued)

3. ADDITIONAL FEES	Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051	65 Surcharge - late filing fee or oath	
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130 Non-English specification	
1012	2,520	1812	2,520 For filing a request for ex parte reexamination	
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action	
1005	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	
1251	110	2251	55 Extension for reply within first month	\$110
1253	410	2252	205 Extension for reply within second month	
1254	920	2254	485 Extension for reply within third month	
1255	1,450	2255	725 Extension for reply within fourth month	
1256	1,970	2256	985 Extension for reply within fifth month	
1401	320	2401	160 Notice of Appeal	
1402	320	2402	160 Filing a brief in support of an appeal	
1403	280	2403	140 Request for oral hearing	
1451	1,510	1451	1,510 Petition to institute a public use proceeding	
1452	110	2452	55 Petition to revive - unavoidable	
1453	1,300	2453	650 Petition to revive - unintentional	
1501	1,300	2501	650 Utility issue fee (or reissue)	
1502	470	2502	235 Design issue fee	
1503	630	2503	315 Plant issue fee	
1400	120	1460	120 Petitions to the Commissioner	
1007	50	1807	50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180 Submission of Information Disclosure Stmt	
8021	40	8021	40 Recording each patent assignment per property (times number of properties)	
1809	750	2809	375 Filing a submission after final rejection (37 CFR 1.129(a))	
1610	750	2810	375 For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375 Request for Continued Examination (RCE)	
1802	900	1802	900 Request for expedited examination of a design application	

Other fee (specify) TERMINAL DISCLAIMER

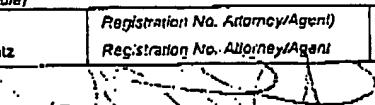
\$110

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 220.00)

** or number previously paid, if greater. For Reissue, see 37 CFR 1.17

SUBMITTED BY: Complete if applicable

Name (Print/Type)	Alton Ratner	Registration No. Attorney/Agent	19,717	Telephone	(610) 407-0700
Signature			Date	April 1, 2003	

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FACSIMILE COVER SHEET					
DATE: <u>June 16, 2003</u>	OUR REF.: <u>MTS-520US2</u>				
TIME: <u></u>	YOUR REF.: <u>10/020,425</u>				
TO: <u>Examiner Paul E. Callahan</u>					
COMPANY: <u>United States Patent and Trademark Office</u>					
FROM: <u>Jack J. Jankovitz</u>					
FAX TELEPHONE: <u>(703) 746-7239</u>					
OFFICE TELEPHONE: <u>(703) 305-1336</u>					
TYPE OF DOCUMENT: <u>Amendment previously filed</u>					
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06-16-2003 09:12 FROM:RatnerPrestia 610 407 0701 1-170 P 00 1-14

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DATE: June 16, 2003	OUR REF.: MTS-520US2
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COMPANY: United States Patent and Trademark Office
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OFFICE TELEPHONE: (703) 305-1336
TITLE OF DOCUMENT: Amendment previously filed

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